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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
	Sheet	1	of 1
		Application Number	10/774,276
		Filing Date	February 6, 2004
		First Named Inventor	David W. Farchmin
		Group Art Unit	2113
		Examiner Name	Robert W. Beausoliel, Jr.
		Attorney Docket Number	110003.00025 (03AB048)

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RP	1	5,825,759		Liu	10/20/1998	
	2	4,518,958		Cook et al	05/21/1985	
	3	6,157,368		Fager	12/05/2000	
	4	4309600		Perry, et al.	01/05/1982	
	5	5121331		Lovrenich	06/09/1992	
	6	5347463		Nakamura	09/13/1994	
	7	5432702		Barnett	07/11/1995	
	8	6453210		Belotserkovskiy, et al.	09/17/2002	
	9	6600476		Mathis, et al.	07/29/2003	
	10	6839604		Godfrey, et al.	01/04/2005	
	11	2003/0013456		Bates, et al.	01/16/2003	
	12	2003/0234741		Rogers, et al.	12/25/2003	
	13	2003/0061295		Oberg, et al.	03/27/2003	
	14	2003/0023882		Udom	01/30/2003	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RP	1		EP 1 138 451 A2		Matsushita Electric	04.10.2001		
↓	2		EP 1 058 171 A2		Fanuc LTD	06.12.2000		
	3		EP 1 209 930 A2		DaimlerChrysler AG	29.05.2002		
	4		WO 98/30045		Siemens Business	09.07.1998		
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	6		DE 44 42 443 A1		Dikeoulas, Vassilios	5.6.96		

Examiner Signature	/Ramesh Patel/	Date Considered	08/21/2006
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² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Attorney Docket Number	110003.00025 (03AB048)

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

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Signature**

/Ramesh Patel/

Date Considered

08/21/2006

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RP		3,812,947		Nygaard	05/28/1974	
		4,742,470		Juengel	05/03/1988	
		5,119,401		Tsujimoto	06/02/1992	
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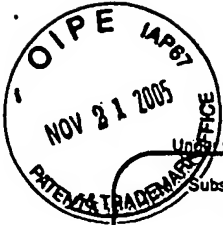
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RP		WO	95/14938		Murdoch, et al.	06/01/1995		
		WO	99/28797		Horn, et al.	06/10/1999		
		WO	01/388797		Hofer, et al.	05/31/2001		
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		DE	19955646 A1		Hofer, et al.	06/13/2001		
		GB	2 274 521		Mori, et al.	07/27/1994		

Examiner Signature	/Ramesh Patel/	Date Considered	08/21/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	10/447,276 10774276
Filing Date	02-06-2004
First Named Inventor	David W. Farchmin
Art Unit	
Examiner Name	
Attorney Docket Number	110003.00025

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RP ↓	1	US-2002/0131446	09-19-02	Metcalfe, III	
	2	US-5,978,753	11-02-99	Eidson	
	3	US-5,598,572	01-28-97	Tanikoshi et al	
	4	US-5,519,878	05-21-96	Dolin Jr.	
	5	US-6,574,549	06-2003	Cato et al	
	6	US-6,813,608	11-2004	Baranowski, Robert	
	7	US-2002/0183979	12-2002	Wildman, Timothy	
	8	US-2005/0035862	02-2005	Wildman, et al	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				
RP ↓	1	WO 02/05107 A1	17.Jan.2002	Swales, Andrew		
	2	EP 1 265 118 A1	05.Jun.2001	Wimmer, Wolfgang		
	3	EP 1 233 315 A1	19.Feb.2001	Wimmer, Wolfgang		
	4	EP 0 472 874 A1	15.Jul.1991	Mathias, Thomas et al		
	5	WO 02/30053	11.Apr.2002	Lessuire		

Examiner Signature	/Ramesh Patel/	Date Considered	08/21/2006
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Application Number	1,774,276
Filing Date	02-064-04
First Named Inventor	David W. Farchmin
Art Unit	
Examiner Name	
Attorney Docket Number	110003.00025

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Examiner Signature	/Ramesh Patel/	Date Considered	08/21/2006
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Sheet	1	of	1
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Attorney Docket Number	110003.00025

Duplicate Reference

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
RP	1	DE 101 42 279	20.03.2003	Asslon, Ewald		
RP	2	DE 38 32 375 A1	29.3.90	Ruhrkohle AG		
RP	3	WO 96/23340	01/08/96	Haworth Inc.		

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Examiner Name	

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	2	US- 5,956,465	09-21-99	Takagi et al	
	3	US- 6,236,335	05-22-01	Goodwin III	
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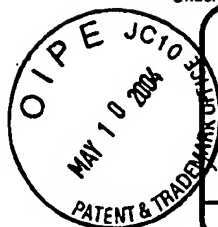
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	1	DE 39 32 375 A1	23.9.88	Ruhrkohle AG	
	2	EP 0 992 921 A2	12.04.2000	Lucent Technologies	
	3	WO 02/30053 A1	11.04.2002	Lesswire AG	

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			Group Art Unit		
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RP	1	5,835,061		Stewart	11-10-98	
	2	6,060,993		Cohen	05-09-00	
	3	5,960,085		de la Huerqa	09-28-99	
	4	4,612,620		Davis, et al.	09-16-86	
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	8	5,751,221		Stanfield, et al.	05-12-98	
	9	5,627,549		Park	05-06-97	
	10	5,649,300		Snyder et al	07-15-97	
	11	6,362,783		Sugiura et al	03-26-02	
	12	5,287,266		Malec et al	02-15-94	
	13	6,359,711		Cole et al	03-19-02	
	14	6,211,799		Post et al	Apr. 3, 2001	
	15	6,282,455		Engdahl	Aug. 28, 2001	
	16	6,446,004		Cao et al	Sep. 3, 2002	
	17	20020125886		Bates et al	Sep. 12, 2002	
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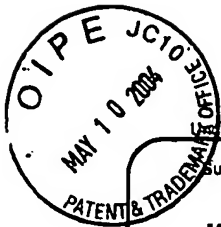
FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RP ↓ ↓	1		0 992 921 A2		Lucent Technologies Inc	12.04.2000		
	2		WO 00/50919		Micosoft Corporation	31.08.2000		
	3		WO 02/054813 A1		EKA-Hau Oy	11.07.2002		
	4		WO 02/43428 A1		Tele-Com Italia Lab s.p.	30.05.2002		
	5		WO 01/16607 A2		Cordless Antistatic Resi	08.03.2001		
	6		WO 02/12992 A2		IBM United Kingdom Lir	14.02.2002		
	7		GB 2 365 662		International Business M	20.02.2002		
	8		WO 02/056274 A1		Digital Angel Corporatio	18.07.2002		
	9		WO 00/17737		Kemink et al	30.03.00		
	10		WO 01/82032 A2		Baker, Richard A.	01.11.2001		

Examiner Signature	/Ramesh Patel/	Date Considered	08/21/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/774,276
Filing Date	02-06-2004
First Named Inventor	David W. Farchmin
Art Unit	
Examiner Name	
Attorney Docket Number	110003.00025.03AB048

Sheet 2 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RP	20	US- 6.167.464	12-26-00	Kretschmann	
	21	US- 5.907.491	05-25-99	Canada et al	
	22	US- 2002/0030094 A1	03-14-02	Curry et al	
	23	US- 2002/0167417 A1	11-14-02	Wells, II et al	
	24	US- 2002/0058499 A1	05-16-02	Ortiz	
	25	US- 5.202.929	04-13-93	Lemelson	
	26	US- 5.548.660	08-20-96	Lemelson	
	27	US- 2001/0018349	08-30-01	Kinnunen et al	
	28	US- 5.485.634	01-16-96	Weiser et al	
	29	US- 5.910.799	06-08-99	Carpenter et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
RP	11	WO 02/05107 A1	17.01.2002	Swales, Andrew		
	12	EP 0 801 342 B1	08.01.2003	Carpenter, et al		
	13	EP 0 626 635 A2	30.11.94	Palrang et al		
	14	WO 02/13557 A1	14.02.2002	Keller, et al		
	15	WO 01/41546 A2	14.06.2001	Brumitt et al		

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		Application Number	10/774,276
		Filing Date	02-06-2004
		First Named Inventor	David W. Farchmin
		Group Art Unit	
		Examiner Name	
Sheet	4 of 4	Attorney Docket Number	110003.00025.03AB 048

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RP	1	A Statistical Modeling Approach to Location Estimation; IEEE Transactions on Mobile Computing; Vol. 1, No. 1, Jan-Mar 2002; pg. 59-69; Roos, et al	
RP	2	A Probabilistic Approach to WLAN User Location Estimation; International Journal of Wireless Information Networks, Vol. 9, No. 3, pg. 155-164; Roos, et al.	
RP	3	A Statistical Modeling Approach To Location Estimation; Master's Thesis, Univ. of Helsinki, Department of Computer Science, May 5, 2001, Teemu Tonteri	
RP	4	An Indoors Wireless Positioning System Based On Wireless Local Area Network Infrastructure (13 pgs), SatNav 2003, Melbourne, Australia 7/22-25/03, Wang et al	

Examiner Signature	/Ramesh Patel/	Date Considered	08/21/2006
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